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US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
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IBM Technical Disclosure Bulletins

Term:

L6 & L4

Display: **Documents in Display Format:** **Starting with Number** **Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search History

DATE: Thursday, June 05, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

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result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

<u>L13</u>	L11 & L6	1	<u>L13</u>
<u>L12</u>	L9 & L4	1	<u>L12</u>
<u>L11</u>	L3 & L4	330	<u>L11</u>
<u>L10</u>	L1 & L4	259	<u>L10</u>
<u>L9</u>	L1 & L3	3	<u>L9</u>
<u>L8</u>	L1 & L2 & L3	1	<u>L8</u>
<u>L7</u>	L6 & L4	7	<u>L7</u>
<u>L6</u>	flip-chip SAME electro-optic\$4	45	<u>L6</u>
<u>L5</u>	flip-chip SAME diode\$1 SAME electro-optic\$4	18	<u>L5</u>
<u>L4</u>	bond\$3 SAME (cell\$1 or die\$1)	81227	<u>L4</u>
<u>L3</u>	(convex or bump\$3) SAME semiconductor\$1 SAME etch\$3	2133	<u>L3</u>
<u>L2</u>	cell\$1 SAME electro-optic\$4 SAME (efficien\$3 or optimiz\$3)	138	<u>L2</u>
<u>L1</u>	light\$3 NEAR5 emit\$4 SAME (diode\$1 or cell\$1) SAME absor\$5	5260	<u>L1</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 20020131145 A1

L12: Entry 1 of 1

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020131145

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020131145 A1

TITLE: Structure and method for forming a high efficiency electro-optics device

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lin, Ming-Der	Hsinchu		TW	
Wang, Kwang-Ru	Chiayi		TW	
Tsai, Chang-Da	Chiayi		TW	
Hsu, Jung-Kuei	Taipei		TW	

US-CL-CURRENT: [359/248](#); [359/245](#), [359/254](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

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Terms	Documents
L9 & L4	1

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 20020131145 A1

L13: Entry 1 of 1

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020131145

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020131145 A1

TITLE: Structure and method for forming a high efficiency electro-optics device

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Wang, Kwang-Ru	Chiayi		TW	
Tsai, Chang-Da	Chiayi		TW	
Hsu, Jung-Kuei	Taipei		TW	

US-CL-CURRENT: [359/248](#); [359/245](#), [359/254](#)

Full	Title	CIT.1	REV.1	CLS.1	REF.1	SEQ.1	ATT.1
CAW.1							

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Terms	Documents
L11 & L6	1

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: US 20030015672 A1

L9: Entry 1 of 3

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030015672
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030015672 A1

TITLE: Methods and systems for alignment of detection optics

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gallagher, Steven J.	Palo Alto	CA	US	

US-CL-CURRENT: [250/548](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 2. Document ID: US 20020131145 A1

L9: Entry 2 of 3

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020131145
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020131145 A1

TITLE: Structure and method for forming a high efficiency electro-optics device

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lin, Ming-Der	Hsinchu		TW	
Wang, Kwang-Ru	Chiayi		TW	
Tsai, Chang-Da	Chiayi		TW	
Hsu, Jung-Kuei	Taipei		TW	

US-CL-CURRENT: [359/248](#), [359/245](#), [359/254](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 6025251 A

L9: Entry 3 of 3

File: USPT

Feb 15, 2000

US-PAT-NO: 6025251

DOCUMENT-IDENTIFIER: US 6025251 A

TITLE: Method for producing a plurality of semiconductor components

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMAC
Draw	Desc	Image								

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Terms	Documents
L1 & L3	3

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L7: Entry 1 of 7

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100140
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030100140 A1

TITLE: Method for packaging a high efficiency electro-optics device

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lin, Ming-Der	Hsinchu		TW	
Tsai, Chang-Da	Yi Chu Hsiang		TW	
Wang, Kwang-Ru	Yichu		TW	
Kao, Ching-Liang	Beinan		TW	
Tseng, Wen-Liang	Hsinchu		TW	
Chang, Chia-Chen	Ilan		TW	

US-CL-CURRENT: 438/106; 438/123, 438/29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn	Desc	Image							

[KMIC](#)☐ 2. Document ID: US 20030031428 A1

L7: Entry 2 of 7

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030031428
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030031428 A1

TITLE: Parellel electro-optic interface assembly

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wickman, Randy	Cadott	WI	US	
Novacek, Jane	Eau Claire	WI	US	
Nelson, Steven C.	Fall Creek	WI	US	
Greene, John	Chippewa Falls	WI	US	
O'Connor, Gary	Bolingbrook	IL	US	
Kunkle, Ronald	Jim Falls	WI	US	
Banike, Scott	Montgomery	IL	US	
Barneson, David	Eleva	WI	US	
Gregory, Bryan	Glen Ellyn	IL	US	
Mansur, Daniel	Chippewa Falls	WI	US	

US-CL-CURRENT: 385/89; 385/88

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

☐ 3. Document ID: US 20020131726 A1

L7: Entry 3 of 7

File: PGPB

Sep 19, 2002

PGPUB DOCUMENT-NUMBER: 20020131726
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020131726 A1

TITLE: Method and structure for packaging a high efficiency electro-optics device

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lin, Ming-Der	Hsinchu		TW	
Tsai, Chang-Da	Yi Chu Hsiang		TW	
Wang, Kwang-Ru	Yichu		TW	
Kao, Ching-Liang	Beinan		TW	
Tseng, Wen-Liang	Hsinchu		TW	
Chang, Chia-Chen	Ilan		TW	

US-CL-CURRENT: 385/88; 385/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

☐ 4. Document ID: US 20020131145 A1

L7: Entry 4 of 7

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020131145
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020131145 A1

TITLE: Structure and method for forming a high efficiency electro-optics device

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lin, Ming-Der	Hsinchu		TW	
Wang, Kwang-Ru	Chiayi		TW	
Tsai, Chang-Da	Chiayi		TW	
Hsu, Jung-Kuei	Taipei		TW	

US-CL-CURRENT: 359/248; 359/245, 359/254

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
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☐ 5. Document ID: US 20020105998 A1

L7: Entry 5 of 7

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020105998

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020105998 A1

TITLE: Ring resonator based narrow-linewidth semiconductor lasers

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ksendzov, Alexander	La Crescenta	CA	US	

US-CL-CURRENT: 372/92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

☐ 6. Document ID: US 20020037025 A1

L7: Entry 6 of 7

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037025

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020037025 A1

TITLE: Hybrid narrow -linewidth semiconductor lasers

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bartman, Randall K.	Altadena	CA	US	
Ksendzov, Alexander	La Crescenta	CA	US	
Dubovitsky, Serge	Los Angeles	CA	US	

US-CL-CURRENT: 372/50; 372/36, 372/96

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

☐ 7. Document ID: US 6403881 B1

L7: Entry 7 of 7

File: USPT

Jun 11, 2002

US-PAT-NO: 6403881

DOCUMENT-IDENTIFIER: US 6403881 B1

TITLE: Electronic component package assembly and method of manufacturing the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KAMC
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Terms	Documents
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